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Atty Dkt. No. STAN-276
USSN: 10/713,674

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REQUEST FOR CORRECTED FILING RECEIPT Address to: Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450		Attorney Docket	STAN-276
		Applicant	LIN, KEN Y.
		Serial Number	10/713,674
		Filing Date	November 13, 2003
		Group Art Unit	1743
		Examiner Name	To Be Assigned
		Title: "METHODS FOR DETECTING ASYMMETRIC DIMETHYLARGININE IN A BIOLOGICAL SAMPLE"	

Sir:

A filing receipt for the above-identified patent application has been issued by the U.S. Patent and Trademark Office (copy attached) and has been found to contain the following error(s):

- (1) Please correct the filing date to read "November 13, 2003" as indicated on the application.

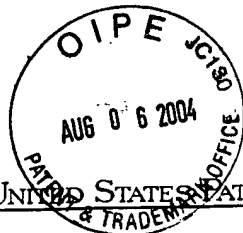
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Respectfully submitted,
BOZICEVIC, FIELD & FRANCIS LLP

Date: Aug. 2, 2004

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10/713,674	06/24/2004	1743	493	STAN-276	4	14	4

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CONFIRMATION NO. 9855

UPDATED FILING RECEIPT



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Date Mailed: 07/19/2004

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Applicant(s)

Ken Y. Lin, Boston, MA;
John Cooke, Palo Alto, CA;

Domestic Priority data as claimed by applicant

This appln claims benefit of 60/426,677 11/15/2002

Foreign Applications

If Required, Foreign Filing License Granted: 02/23/2004

Projected Publication Date: 10/28/2004

Non-Publication Request: No

Early Publication Request: No

** SMALL ENTITY **

Title

Methods for detecting asymmetric dimethylarginine in a biological sample

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**METHODS FOR DETECTING ASYMMETRIC DIMETHYLARGININE IN A BIOLOGICAL SAMPLE****CROSS-REFERENCE**

- [0001] This application claims the benefit of U.S. Provisional Patent Application No. 60/426,677 filed November 15, 2002, which application is incorporated herein by reference in its entirety.

STATEMENT REGARDING FEDERALLY SPONSORED RESEARCH

- [0002] The U.S. government may have certain rights in this invention, pursuant to grant no. R01 HL-63685 awarded by the National Institutes of Health, the National Heart, Lung and Blood Institute.

FIELD OF THE INVENTION

- [0003] The present invention is in the field of assay methods, and in particular assay methods for asymmetric dimethylarginine.

BACKGROUND OF THE INVENTION

- [0004] Elevated asymmetric dimethylarginine (ADMA) levels have been observed in various conditions, including hypertension, dyslipidemia, hyperglycemia, hyperhomocysteinemia, and renal failure, and are believed to be one cause of endothelial dysfunction in these conditions. Elevated plasma ADMA concentrations are also associated with an increased risk of cardiovascular disease. As an endogenous inhibitor of nitric oxide synthase, ADMA reduces nitric oxide (NO) production. NO plays a vital part in the vascular homeostasis. Aside from being the most potent vasodilator, NO inhibits platelet aggregation, smooth muscle proliferation, and adhesion molecule expression, which all play a part in atherogenesis. Throughout the last few years, basic scientific investigation has revealed the mechanism whereby ADMA becomes elevated in patients with hypertension, hyperhomocysteinemia, hyperglycemia, hypercholesterolemia, and tobacco exposure.
- [0005] Nevertheless, the field of ADMA is progressing slowly, mostly because of the laborious procedures required to quantify the molecule. A conclusive demonstration of